

Limited container resources

```
[root@dev adhamdockers]# docker run -it -d --name limited-cont --memory="256m" --cpus="0.5" centos
fec4222081bd2177a2dc0fd4d38639e41e5ae3b2014d345d205aaff20f8f7904
[root@dev adhamdockers]#
[root@dev adhamdockers]# docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS        NAMES
fec4222081bd   centos    "/bin/bash"             4 seconds ago Up 4 seconds             limited-cont
b0c799f8f75c   centos    "/bin/bash"             17 minutes ago Up 17 minutes             inhernt-volume
80acc814087b   centos    "/bin/bash"             19 minutes ago Up 18 minutes             data-container
[root@dev adhamdockers]#
[root@dev adhamdockers]# docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
script_img    latest    ce734a89aaf1   21 hours ago   7.8MB
<none>        <none>    b1bb1f89a847   21 hours ago   7.8MB
<none>        <none>    61ff7744331a   22 hours ago   7.8MB
centos        latest    5d0da3dc9764   3 years ago    231MB
[root@dev adhamdockers]#
```

```
[root@dev adhamscripts]# docker inspect limited-cont | grep -i '"memory":'
      "Memory": 268435456,
[root@dev adhamscripts]#
[root@dev adhamscripts]# docker inspect limited-cont | grep -i '"NanoCpus":'
      "NanoCpus": 500000000,
[root@dev adhamscripts]#
```

```
[root@dev adhamdockers]# docker stats limited-cont
```

CONTAINER ID	NAME	CPU %	MEM USAGE / LIMIT	MEM %	NET I/O	BLOCK I/O	PIDS
fec4222081bd	limited-cont	0.00%	1.414MiB / 256MiB	0.55%	2.28kB / 0B	0B / 0B	1